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REPORT FOR THE YEAR 1940

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE CITY OF [illegible]

Gentlemen,

I beg to submit my Annual Report on the Health [illegible] District, with the report of the Chief Sanitary Inspector [illegible]

In accordance with the instructions [illegible] 2067, the report is given in an abridged form.

The report has been unavoidably delayed [illegible] work in the Health Department, which is now carried [illegible]

My best thanks are due to the Chief Sanitary Inspector [illegible] work and to the prevailing difficulties have [illegible] of work in the department [illegible] consideration I have [illegible] departments.

I am, Gentlemen,

Your Obedient Servant,

T. [illegible] JAMIESON

Medical Officer of Health.

November, 1941

B O R O U G H O F W O R K S O P

MAYOR

Alderman J.H.Saxton, Esq., C.C.

PLACE AND SEWERAGE COMMITTEE.

Chairman: Alderman J. H. Saxton
Vice-Chairman: Alderman, J. Gabbitas
Councillors H. Adwick, J. I. Allison, E. W. Darwin, E. Harris, G.H. Harris, G. H. Haslam, E. J. Newitt, E.W. Gardiner, E. Harris, G.H. Haslam, E.J Newitt, T.C. Woodward

POLICE COMMITTEE.

Chairman: Alderman, J. Gabbitas
Vice-Chairman. Councillor W. H. Curr.
Councillors H. Adwick, J. I. Allison, E. W. Darwin, E. Harris. G.H. Harris, G. H.Haslam, E. J. Newitt.

MATERNITY & CHILD WELFARE COMMITTEE.

Chairman: Councillor H. Adwick
Vice-Chairman: Councillor H. Hardy
Alderman H. Hartland. Councillors, W. H. Curr, E. Harris, G.H. Harris. G. H. Haslam, J. H. Shardlow and A. E. Stone.

Co-opted Members.
Mrs Mapperley, Mrs Hoare, H. Adwick, J. Gabbitas, A. H. Schofield.

REPRESENTATIVES TO THE NORTH NOTTINGHAMSHIRE JOINT HOSPITAL BOARD.

Alderman H. Hartland, Councillors, H. Adwick, W. H. Curr, J. H. Shardlow and A. E. Stone.

REPRESENTATIVES TO THE NORTH NOTTINGHAMSHIRE JOINT SMALLPOX HOSPITAL BOARD

Alderman H. Hartland and Councillor W. H. Curr.

PUBLIC HEALTH STAFF.

Medical Officer of Health (part time), Medical Superintendent Child Welfare Clinic, and Ante-Natal Clinic, Assistant Director of Medical Services, L.R.C.P. - A.T. T. Garratt, M.B., B.Ch.
Consultant, Ante-Natal Clinic: G. J. Malkin, M.D., B.Sc., F.R.C.S.E., L.R.C.P.
Consultant Gynaecological Clinic: A. T. Tait, M.B., Ch.B., D.G.O., M.R.C.S.
Consultant, Ante-Natal Clinic: G. J. Malkin, M.D., B.Sc., F.R.C.S.E., L.R.C.P.
Medical Officer, Gynaecological Clinic: M. Taylor, F.R.C.S.
Chief Nursing Inspector: [illegible], Superintendent.
T. H. Miller, M.R.San.I., A.M.Inst.[illegible]
Sanitary Inspector: [illegible] Cockerfield
Assistant Sanitary Inspector (part time): [illegible] Garratt, M.R.C.V.S.
Health Visitors (Superintendent): [illegible] Cummings, S.R.N., S.C.M.
[illegible] E. Thomson, S.R.N., S.C.M.
[illegible]
[illegible]

(Information as to duties of Staff under the Borough Engineer.)
Meat Inspector, Butchers and Slaughter Houses Inspector, Sanitary Inspector and Meat and Other Foods Inspector.
Inspector of Nuisances, Factories, Workshops and Workplaces Act, Rodent Officer, Smoke Inspector.
[illegible]

R E P O R T

of the Medical Officer of Health for the Year 1940

Vital Statistics

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

	Total	Males	Females	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Death rate [illegible] [illegible]

Deaths [illegible] [illegible]

Deaths [illegible] [illegible]

Deaths [illegible] [illegible]

Deaths [illegible] [illegible]

Deaths [illegible] [illegible]

Deaths [illegible] [illegible]

Death rate [illegible] [illegible]

Death rate [illegible] [illegible]

[illegible] Infants per 1,000 live births [illegible]
Legitimate infants per 1,000 legitimate live births [illegible]
Illegitimate infants per 1,000 illegitimate live births [illegible]

Deaths from [illegible] (all ages) [illegible] [illegible]
" [illegible] (all ages) [illegible] [illegible]
" [illegible] [illegible] [illegible]
" " [illegible] (under 1 year) [illegible] [illegible]

POPULATION

[illegible]

LIFE

[illegible]

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M A T E R N I T Y A N D C H I L D W E L F A R E

Our first Health Visitor retired from work in March 1939, owing to health reasons. The assistant Health Visitor was promoted, and with the help of a Trained Nurse (appointed in March, 1939), carried on the work until the end of the year. At the same time a lady clerk was engaged to assist in the clerical work and sale of food at the Welfare Centre.

The following return was made to the Ministry of Health in February, showing the arrangements made for Maternity and Child Welfare, with particulars of the work done during the year 1940:

Population of the area served by the Council: 28,250

Births Notified: Live births, 474. Still births, 21. Total, 495.
By Midwives, 460. By Doctors, 35.

Health Visiting: Number of Health Visitors, 2.
Number of visits paid during the year:

To expectant mothers:	First visits, 198.	Total	368
To children under 1 year:	" " 502	"	3,184
To children 1-5 years:		"	5,357

Ante-natal Service: Number of clinics: 1 weekly
Total number of women who attended the clinic in the year: 176
Percentage of total (live and still) births..... 30

Supply of Milk: Total quantity of milk supplied to expectant and nursing mothers and to young children:
January to July, 1940: Liquid milk, 703 gallons
Dried Milk, 321 lbs.

Hospital cases: Admitted for abnormal maternity or unsuitable home conditions:
Total number, 23. Victoria Hospital, 16, County Hospital, 7.
Hospital charges on account of these cases amounted to £235. 4. 3d.
viz: Maintenance, £178. 8. 3d; Surgeons' fees, £47. 7d
Anaesthetic fees, £9. 9s.

Dental Treatment (Mothers)
Number of applications for treatment and estimates for dentures completed: 17
For these cases the cost of treatment and dentures was: £131. 4. 6d.

Home helps provided during the year: 2
Maternity outfits. Supplied free, 7; Sold, 2.
Maternity Mortality: Deaths from Sepsis, 1; Other causes, 2
Rate per 1,000 (live and still) births, 5.7
Child Life Protection: Number of persons receiving children: 6
Number of children: 6
Number of child protection visitors: 1
Child Welfare Clinic:
Dental Treatment: [illegible] children (under 5) received treatment at 5 sessions.
Orthopaedic Treatment: [illegible] children were referred for treatment: these made [illegible] attendances at the Orthopaedic Clinic.
5 children were supplied with supports and special boots for which the Committee assumed financial responsibility.
Total Cost: £7. [illegible] 6d.
Tonsils and Adenoids: 5 children were treated at Victoria Hospital at a cost of £[illegible]. 17s. 6d.
Ophthalmia: 14 cases were treated at the Clinic, and all these recovered without injury to the sight.
Infantile Mortality: Total deaths 41. Rate per 1,000 live births, 82.
Causes of death (children under 1 year) See table, page 5.
The death rate among infants in the year was high - 82 as compared with an average of 61 in the previous five years - mainly due to the unusual number of deaths from Pneumonia and Bronchitis in the early months of the year.

DEATHS IN INFANTS UNDER 1 YEAR OF AGE DURING 1940.

	Under 1 week	1 to 2 weeks	2-3 weeks	3 to 4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 1 year.	Total under 1 year
[illegible]	[illegible]				[illegible]		1	[illegible]	1	4
[illegible]		[illegible]			[illegible]	[illegible]	2	5	[illegible]	12
[illegible]	[illegible]				[illegible]					[illegible]
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]			7
[illegible]						[illegible]	[illegible]		[illegible]	[illegible]
[illegible]			[illegible]		[illegible]					[illegible]
[illegible]	[illegible]				1					[illegible]
[illegible]							2			[illegible]
[illegible]	[illegible]				1					[illegible]
[illegible]							1			[illegible]
	[illegible]	[illegible]	[illegible]		16	[illegible]	11	6	4	41

1940 VITAL STATISTICS.

COMPARATIVE RATES.

[illegible]

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY: From the Council's Well at Sunny Side, Worksop.

The following particulars have been supplied by the Borough Engineer:

Extension of water mains in the year: Nil

Average monthly supply within the Borough: 23,120,771 gallons

Average monthly supply to Worksop Rural District: 3,601,500 "

Four Bacteriological and two chemical examinations were made in the year. For copy of last analysis, see below.

A water softening plant has been installed in a new plant house at Sunnyside Pumping Station, but due to difficulty in obtaining large quantities of salt and also to the danger of weak water mains collapsing during a time when all available iron is required for other purposes, the scheme will not be put into operation until the end of hostilities.

Three sodium hypochlorinators have been installed at the pumping station and a portable set has been purchased for use in the event of damage to the mains.

A further unit which has been ordered will be installed at Manton upon delivery, for the purpose of sterilising water obtained in bulk from the Wigan Coal Corporation.

An old three throw pump has been removed from No.1 well at Sunnyside Pumping Station and a new vertical spindle centrifugal pump, with a capacity of 25,000 gallons per hour, will be installed early in September, 1941.

Copy of recent Certificate of Analysis, Worksop Town Supply:-

(1) Chemical Analysis.

Physical Characters:

Reaction : Alkaline

Colour in 2 ft. stratum: Clear pale blue.

Suspended matters : Nil.

Chemical characters:	Parts per 100,000	Grains per gallon
Total Solids dried at 100°C	63.5	44.45
Loss on ignition (after re-carbonating)	18.0	12.6
Chlorine in Chlorides	4.50	3.15
" x 1.647 = Sodium Chloride	7.41	5.18
Nitrites	Nil.	
Nitrogen as Nitrates	1.33	0.93
Saline Ammonia	Nil	
Albuminoid Ammonia	0.005	0.0035
Oxygen absorbed in 3 hrs. at 37°C	0.03	0.021
Hardness (Soap Test) - Total	42.0	29.4
" Temporary	16.0	11.2
" Permanent	26.0	18.2
Poisonous Metals - Lead)		
" " - Copper)	nil.	

Remarks: From a consideration of the above data, no exception can be taken to the use of this water for domestic purposes, upon Chemical grounds.

(2) Bacteriological Report:

Quantitive Enumeration Bacteria

On Agar Plates, kept for two days at 37°C. 7 colonies per 1 ml. developed.

On Agar Plates, kept for four days at 20°C-22°C. 2 colonies per 1 ml. developed.

Examination for Special Bacteria

Coliform bacilli ..... absent in 100 ml.

Streptococci ..... absent in 100 ml.

B.Enteritidis Sporogenes ..... absent in 100 ml.

Result of Examination: From a consideration of the data, no exception can be taken to the use of this water for domestic purposes, upon bacteriological grounds.

DRAINAGE AND SEWERAGE:

The following extensions have been made during the year :

Surface Water	402 yards of 9" diameter	
	197 " " 12" "	
Foul Water	Nil.	

The pumping plant at Grassebridge is operating satisfactorily. Good reports upon the effluent from Rhodesia Disposal Works are received periodically from the County Medical Officer.

The pumping plant recently installed, in a new pump house at Low Grounds, was put into operation recently, and is operating satisfactorily.

PUBLIC BATHS:

In view of the exceptionally large number of bathers and the fact that the filtration plant was designed for a six hour turnover only, the condition of the water is satisfactory. There are indications, however, that it will be necessary to remove and wash the filtering media, before the commencement of the next bathing season.

NOTIFIABLE INFECTIOUS DISEASES, 1940

(Other than Tuberculosis.)

	Total Cases Notified.	Cases admitted to Hospital.	Deaths.
Scarlet Fever	21	14	-
Diphtheria	16	16	2
Cerebro Spinal Fever	8	-	1
Puerperal Pyrexia	3	2	-
Pneumonia	8	-	31
Ophthalmia Neonatorum	1	-	-
	57	32	34

The incidence of the ordinary notifiable infectious diseases was considerably less than in the previous year - 57 cases as compared with 119.

All Scarlet Fever cases were of mild type.

3 cases of Diphtheria were of "Gravis" type, and there were 2 deaths.

An epidemic of measles began in January, with a break in May and June.

In the last 6 months the disease became wide spread among elementary school children, and continued until the end of the year. 392 cases were notified. There were no deaths.

TUBERCULOSIS

AGE GROUP	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 - 1	-	-	1	-		-	-	-
1 - 5	1	-	-	1	-	-	-	2
5 - 15	1	1	1	-		-	-	-
15 - 25	1	4	-	-	-	4	-	-
25 - 35	3	5	1	-	1	4	1	-
35 - 45	2	-	-	-	1	2	-	-
45 - 55	1	1	1	-	1	2	-	-
55 - 65	-	-	-	-	1	1	-	-
65 and over	-	-	1	-	-	-	-	-
TOTALS	10	11	4	1	5	14	1	2
	26				21			

Total cases on Register at the end of the year :

	Males	Females	Totals
Pulmonary:	78	70	148
Non-Pulmonary:	40	43	83

Cases removed from the Register in the year - Pulmonary, 16 Non-Pulmonary, 10.

[illegible] 1929 [illegible] will be taken [illegible]

[illegible] cases during the year.

A P P E N D I X

1 9 4 0

INSPECTION AND SUPERVISION OF FOOD

Milk Supply.

Registered Cowkeepers	26
" Cowsheds	18
Cowkeepers registered in 1940	1
" removed from Register, 1940 .	1
Inspections	47
Notices to Lime Wash	46
Informal notices	3

All these premises were inspected in the year, but with our depleted trained staff it was impossible to make the regular inspections usually carried out.

Samples of Milk Examined:

By Methylene Blue Test:

Worksop District: Satisfactory. 7 Unsatisfactory. [illegible]

Outside Districts: " [illegible]

Pasteurised Milk Samples:

Bacteria Count	[illegible]	satisfactory
Coli Test	2	"
Tubercle Bacilli	1	negative
Phosphatase Test	1	satisfactory.

Inspections of Meat and other Foods : See Inspector's Report

[illegible] 331

[illegible]:

Beef	[illegible] lbs.	Jellied eel	[illegible] lbs.
Mutton	[illegible] lbs.	Service Units Lunch Rooms	[illegible] lbs.
Jellied beef	[illegible] lbs.	Rabbits	[illegible] lbs.
Bacon	[illegible] lbs.	Poultry	[illegible] lbs.
Pork	109 lbs.	Canned fish	[illegible] lbs.
Canned Brawn of beef	16 lbs.	Canned vegetables	[illegible] lbs.
Canned beef	443 lbs.	Canned fruits	[illegible] lbs.
Jellied beef	[illegible] lbs.		

DRAINAGE AND SEWERAGE :

The following extensions have been made during the year :

BOROUGH OF WORKSOP

To the Mayor, Aldermen and Councillors of the
Borough of Worksop

Gentlemen,

I have the honour to present to you my Annual Report for the year ended 31st December, 1940 and portion on the Public Cleansing Service is for the financial year ended 31st March, 1941.

In compliance with directions received from the Ministry of Health, the report has again to be in a shortened form.

During the year many additional activities came within the purview of the Health and Cleansing Department and it is pleasing to record that the staffs made every effort to maintain the high standard of efficiency of the various services.

In July, W. H. Harris, Senior Clerk, was successful in obtaining the Certificate of the Royal Sanitary Institute and Sanitary Inspectors' Examination Joint Board.

In August, R. G. Booth, Junior Clerk was called up for military service.

Summary of work carried out

Total inspections or visits made	4,651
Number of re-inspections and visits made	452
Number of informal notices served	405
Number of letters sent	1,388

Details of inspections made.

Houses: General Sanitary conditions and housing defects	303
Infectious diseases and disinfection	97
Rooms disinfected	67
Verminous conditions	10
Verminous cases abated	5
Verminous or suspected	35
Tuberculosis Inquiries:	
No. of houses disinfested	24
(Council 7)	
(Others 17)	
Other infestations, ants, beetles, cockroaches, wasp nests, etc.	24
Dirty Conditions	9
Houses cleansed	8
Bungalows for aged persons	109

Public Health (Meat) Regulations

Slaughterhouses	57)
Meat Inspections	237)
" (military units)	2)
Other inspections	18) Defects remedied: 56
Meat shops, stalls, stores and vehicles	118)
Premises where meat is prepared, including bakehouses	9)
Ice cream premises	27)
Fried fish shops	3)
Fish, game, poultry	2)
Canned or bottled meat	23)

Surrender of Unsound Foodstuffs:

Beef	1 cwt. 0 lbs.	Jellied eels	1 lbs.
Bacon	1 ton 12 cwt. 0 lbs.,	Service Unit Hand Tongues	18 lbs.
Chilled beef	72 lbs.	Cheese	4 lbs.
Mutton	41 lbs.	Shellfish	10 lbs.
Fish	107 lbs.	Canned fish	41 lbs.
Canned fruit or jam	16 lbs.	Canned vegetables	12 lbs.
Canned meat	443 lbs.	Canned fruits	2 lbs.
Bacon rind	12 lbs.		

[illegible]	7
[illegible]	7
[illegible]	7
[illegible]	6
[illegible]	2
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	29
[illegible]	[illegible]
[illegible]	6
[illegible]	17
[illegible]	4
[illegible]	77
[illegible]	[illegible]
[illegible]	[illegible]
[illegible], septic tank [illegible]	6
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	51

[illegible]

[illegible]	79
[illegible]	1
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	2

[illegible]

[illegible]	8
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]

[illegible]	36
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	6
[illegible]	2
[illegible] provided	10
[illegible]	13
[illegible]	7
[illegible] repaired	28
[illegible] trees provided	9
[illegible]	[illegible]
[illegible]	37
[illegible] repaired	11
[illegible]	27
[illegible] repaired	27
[illegible]	2
[illegible]	16
[illegible] repaired	11
[illegible] provided	3
[illegible] provided or repaired	9
[illegible] repaired or replaced	26
[illegible] repaired	2
[illegible] provided	7
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	19
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Housing:

Houses erected during the year-

By the Local Authority	0
By private enterprise	25

Public Cleansing Service

Dustbins emptied	431,806
Dry ashpits emptied	76
Wet ashpits emptied	113
Pail closets emptied	3,301
Cesspools emptied	257
Total:	435,553

Loads of dry refuse removed	4,481
Loads of wet refuse removed	175
Loads of cesspool liquid	1,276
Total:	5,932

The total quantity of refuse collected (including 4,275 tons of cesspool liquid and 262 tons of wet refuse) for the year ended, 31st March, 1941, was 13,765 tons.

Cleansing Costs:

Gross expenditure (including loan charges and salvage operations)			£7257. 16. 6.
Income			
Rents - Houses and shop		£70. 7. 0.	
" - Allotments, etc.		20. 12. 6.	
Salvage			
Newspapers ...	21 tons 5 cwts. 42 lbs.	138. 12. 5.	
Other paper, cardboard, books and magazines etc.	223 tons 10cwts 88 lbs.	923. 13. 9.	
Black scrap ...	30 tons 15 cwts 36 lbs.	49. 15. 0.	
Aluminium	4 cwts 42 lbs.	11. 8. 0.	
Copper	1 cwt 84 lbs.	2. 15. 8.	
Zinc	5 cwts 1 lb.	14. 6.	
Brass	5 cwt 100 lbs	4. 18. 0.	
Lead	6 cwts 68 lbs.	2. 13. 0.	
Flattened tins, etc.	73 tons 14 cwts 38 lbs.	78. 1. 3.	
Textiles ...	10 tons 10 cwts. 4 lbs.	36. 7. 0.	
Bottles	3 tons 11 cwts. 84 lbs.	21. 14. 6.	
Jars	4 tons 9 cwts - lbs.	14. 7. 0.	
Broken glass ...	9 tons 3 cwts 84 lbs.	7. 18. 0.	
Bones	7 tons 14 cwts 95 lbs.	24. 8. 6.	
Tyres	15 cwts 91 lbs.	12. 6.	
Hair	59 lbs.	11. 0.	
Kitchen Waste ...	2 tons 9 cwts 98 lbs.	3. 7. 6.	
		1,412. 17. 1.	1412. 17. 1.
		Net cost:	£5844. 19. 5.

My thanks are due to you, Gentlemen, for the support you have given me at all times, and may I take this opportunity of again expressing my appreciation of the good work accomplished by the staffs of the Health and Cleansing Departments and for the cordial co-operation of all the Officials of the Council.

I have the honour to be,

Your Obedient Servant,

T. H. MILLAR,

Chief Sanitary Inspector and Cleansing Superintendent.

Health Department,
Park House,
WORKSOP